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<sup>\*</sup>EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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LO COLS, 60 LA CENTER 1600 200 SERIAL NO.: FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE ATTY. DOCKET NO .: ... AUG 2 2 2003 PATENT AND TRADEMARK OFFICE (REV. 7-80) ARSE LIST OF PRIO APPLICANT(S): SEUL, Michael (Use several sheets if necessary) FILING DATE: C . 3/16/2002 **U.S. PATENT DOCUMENTS DOCUMENT NUMBER** DATE \*EXAMINER NAME CLASS INITIAL M AA 2/12/85 52 Fulwyler 422 8/30/82 7 3/3/87 AB. 4 6 4 5 4 4 Nicoli et al. 436 518 6/25/85 AC 4 2 8 4/18/89 Walt 436 528 6/25/86 8 2/19/91 6 7/20/89 AD 3 Stavrianopoulos et al. 435 2 6 5 0 0 3/26/91 435 6 10/24/88 AE 8 Macevicz 5 Soini AF 0 2 В 5 5 7/2/91 436 501 6/9/88 AG 4/14/92 Batzig 359 368 1/10/91 5 5/19/92 ΑH 8 6 Walt 438 528 9/19/89 5 7/21/92 Chaung 436 501 11/13/89 5 3 7 AJ 2 0 9 7/21/92 422 82.09 9/4/90 Van Deusen et al. 5 AK 5 3 9/1/92 501 2/2/89 Walt 436 **FOREIGN PATENT DOCUMENTS DOCUMENT NUMBER** DATE COUNTRY CLASS SUBCLASS **TRANSLATION** YES NO 0 EP AL 6 8/8/88 C120 1/68 X 0 7 4/1/92 AM 8 9 ٤P C120 1/68 7 AN 0 2 3 4 6 7/24/98 EΡ X G01N 21/64 ΑO 0 11/16/89 PCT GOIN 33/546 0 3 6 0 2/4/93 PCT GOIN 33/536 OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.) DA Peterson, et al. "Fiber optic pH probe for physiological use," Anal. Chem. Vol. 52, 864-869 (1980) AR Peterson, et al, "Fiber-Optic Sensors for Biomedical Applications," Science, 13: 123-127 (1984). Fuh, et al., "Single Fibra Optic Fluorescence pH Probe," Analyst, 112: 1159-1163 (1987). **EXAMINER** DATE CONSIDERED 12/04 \*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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First Named Inv. ntor: M. Seul, tal.	$-\gamma_{C}$
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Examiner Signature	Peto	B	Date Considered	4/8/05

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